

Claim 10 (currently amended) A method to claim 91, characterized in that said temperature is controlled by irradiation by means of an additional beam enabling local heating to be performed at the impact point of said write beams.

Claim 11 (currently amended) A method according to any preceding claim, claim 1, characterized in that the photoinduction beams write a quasi-phase matching grid for propagating the pump beam(s) and the read beams(s).

Claim 12 (currently amended) A method according to any preceding claim, claim 1, characterized in that the molecular material is previously oriented by applying an electric field and/or by heating.

Claim 13 (currently amended) A method according to any preceding claim, claim 1, characterized in that the confining structure is a portion of film and/or a ribbon light guide which extends along the propagation direction of the read beam(s) and/or a microcavity in which the read beam(s) propagate(s) in a loop, and/or an optical fiber, and/or a combination of such elements.

REMARKS

Entry of the foregoing amendments is requested.

Respectfully submitted,

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By: ESH

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents, PO Box 1450, Alexandria, VA 22313-1450 on 10/27/03.

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